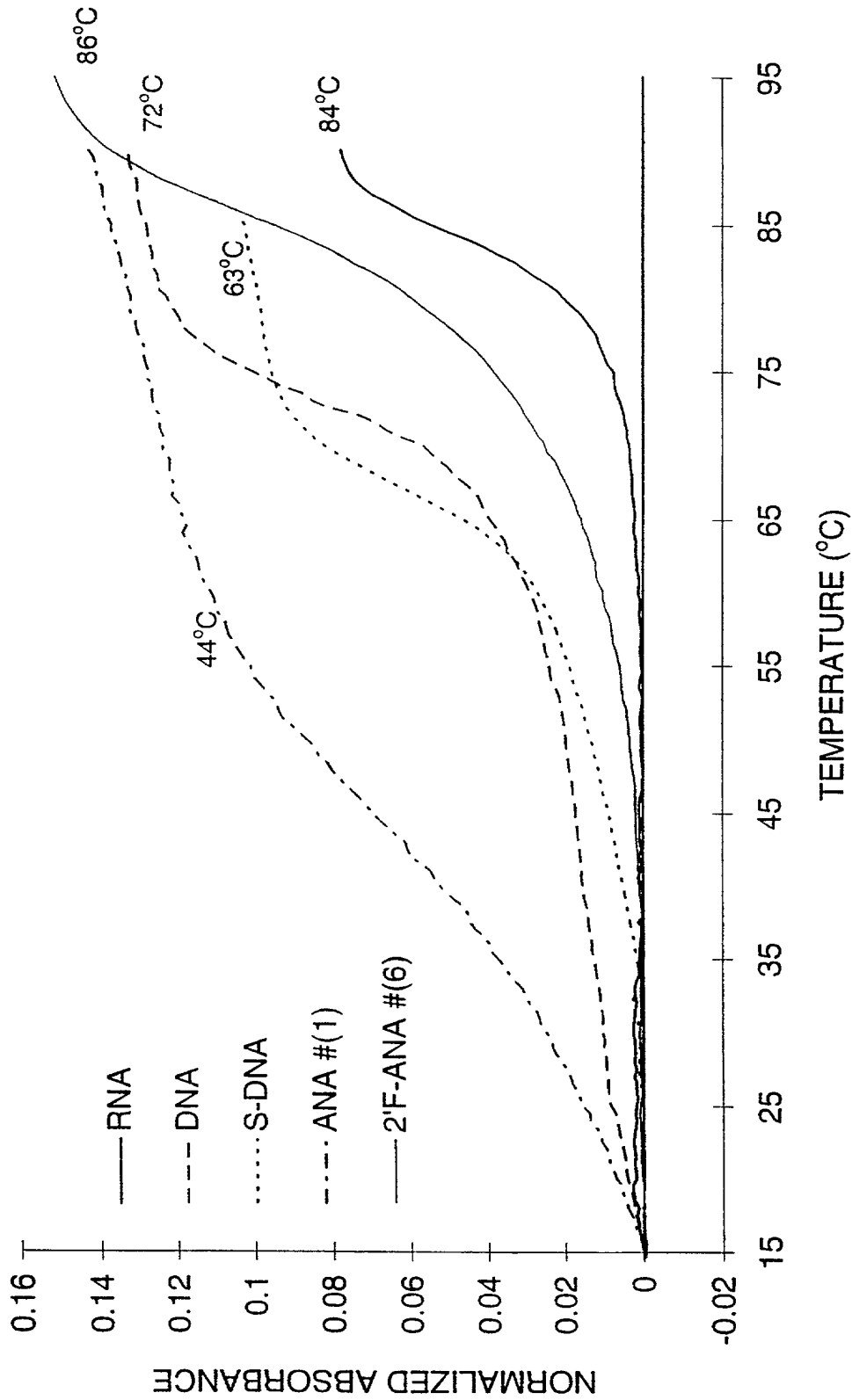


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# ASSOCIATION TO SINGLE STRANDED RNA

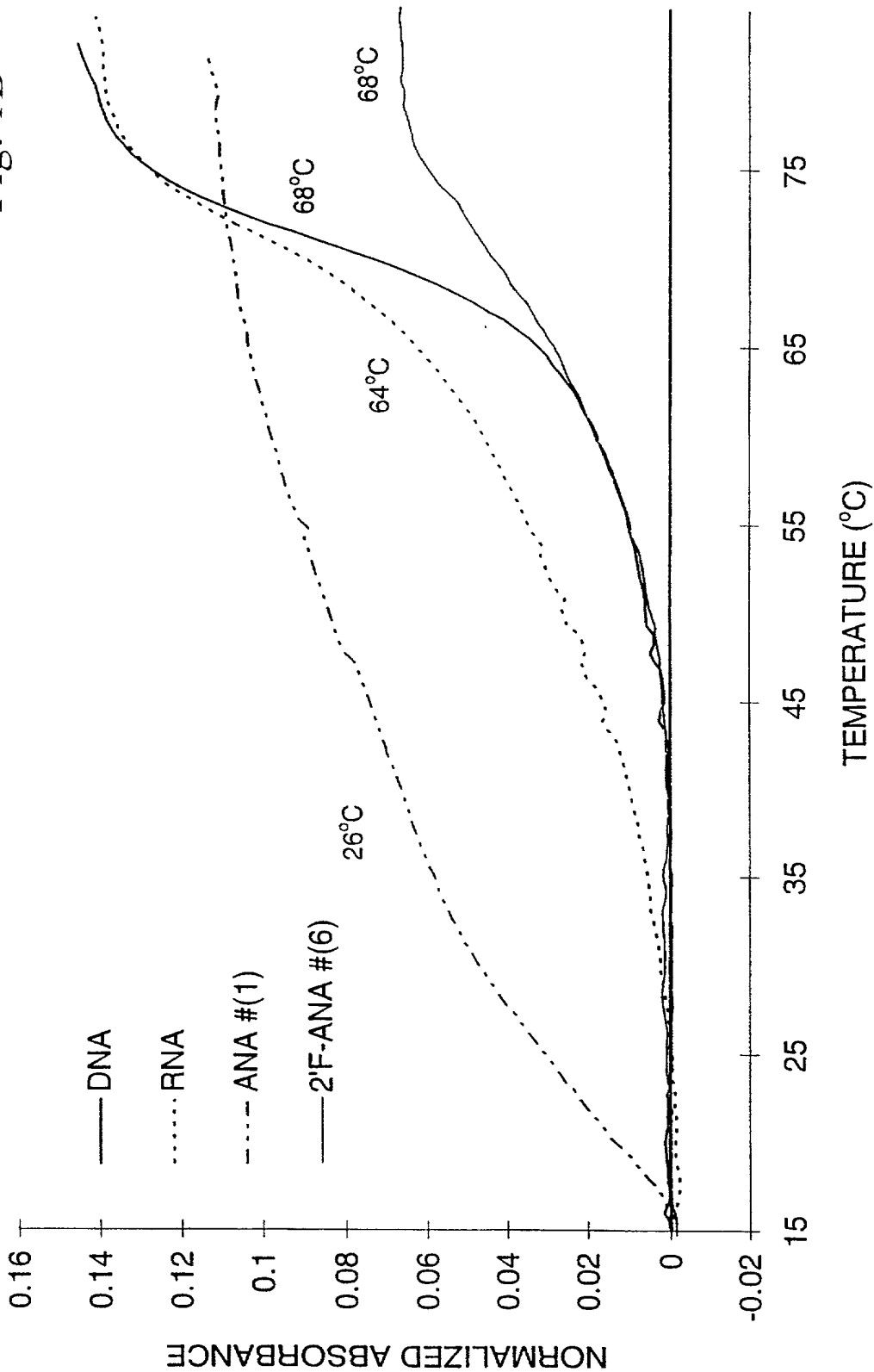
Fig.1A



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# ASSOCIATION TO SINGLE STRANDED DNA

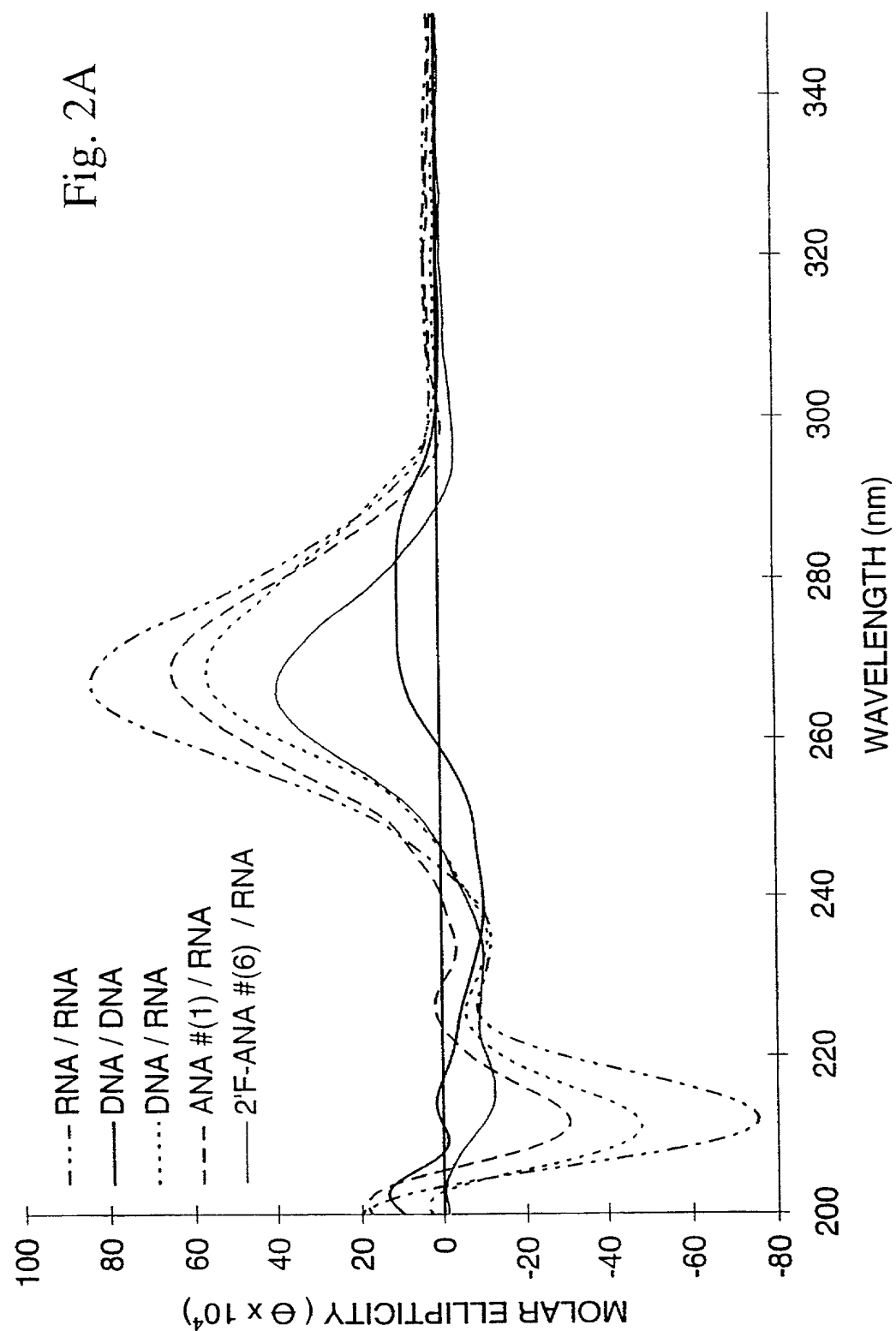
Fig. 1B



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# CIRCULAR DICHROISM OF DUPLEXES

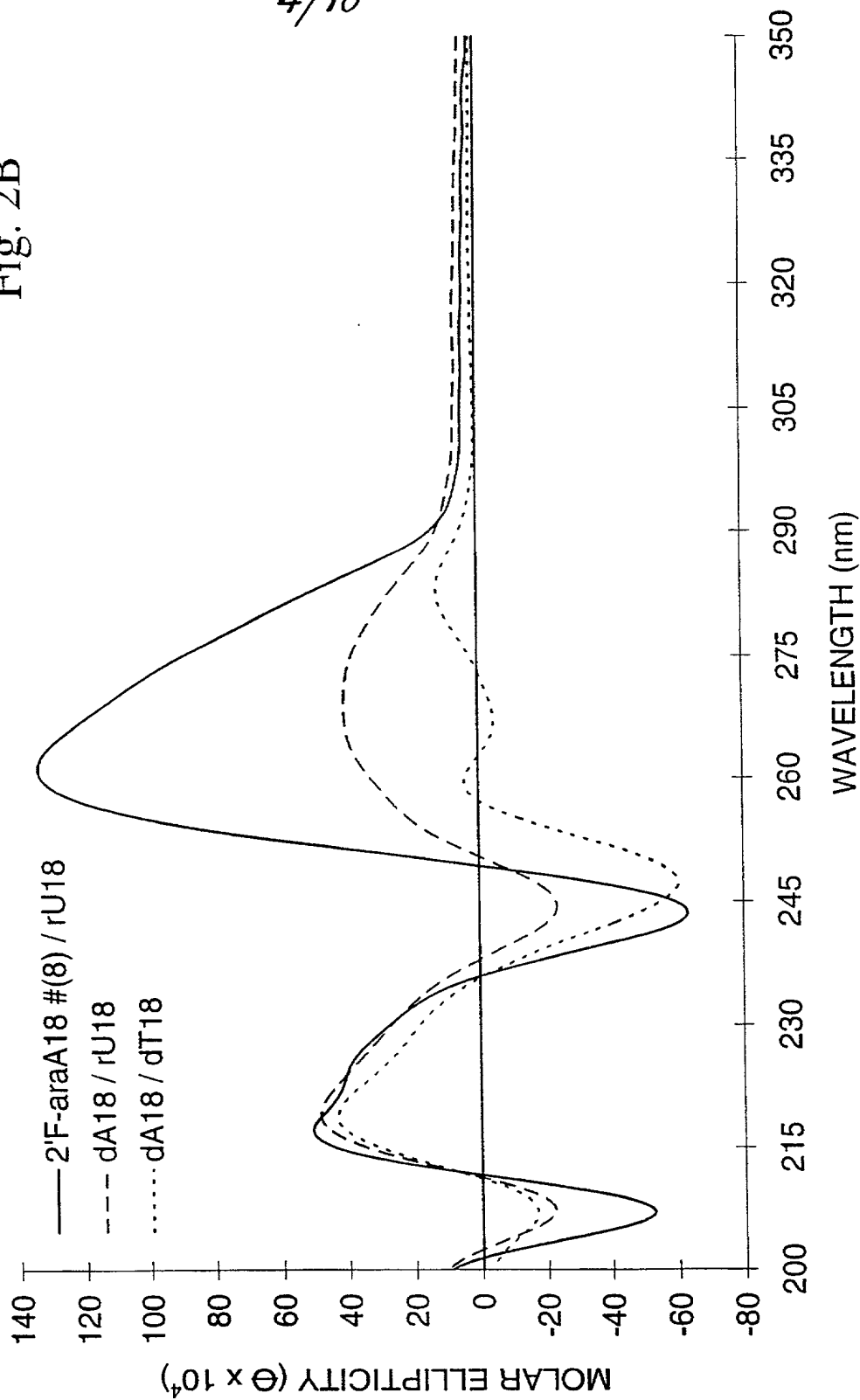
Fig. 2A



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Fig. 2B

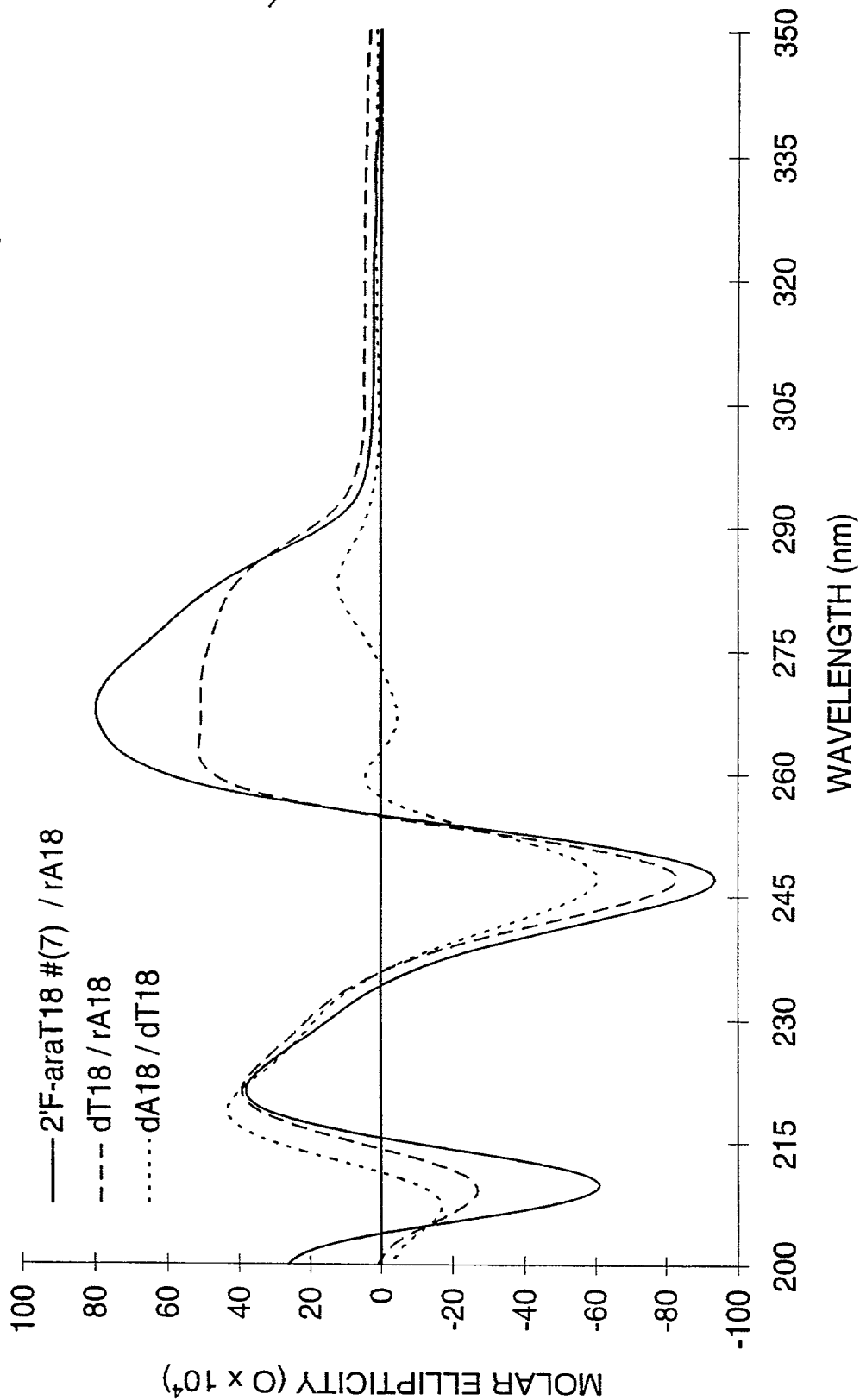


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# CIRCULAR DICHROISM OF DUPLEXES

Fig. 2C

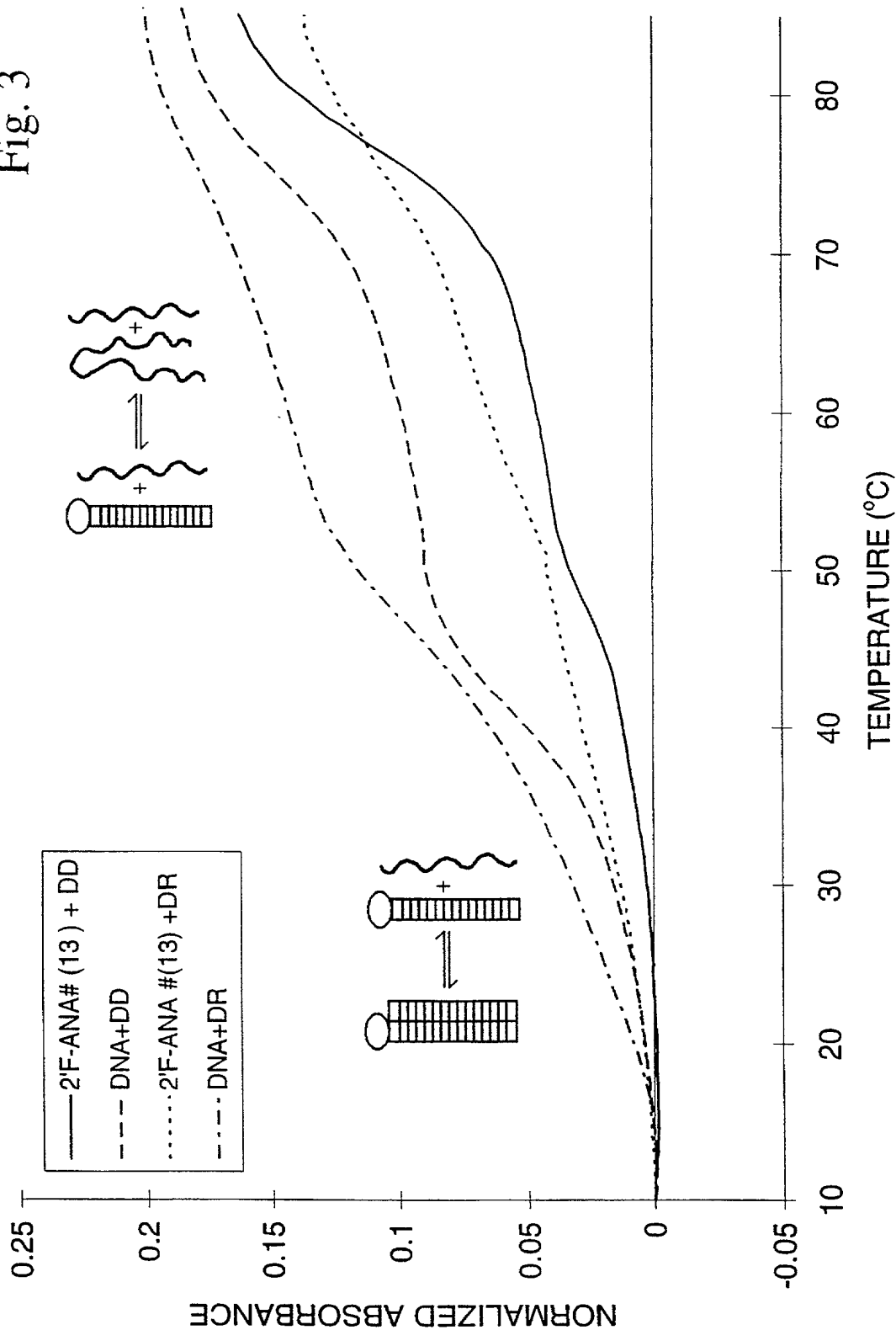


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# BINDING OF OLIGONUCLEOTIDES TO HAIRPIN DUPLEXES

Fig. 3



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# GEL MOBILITY SHIFT TRIPLEX ASSAY

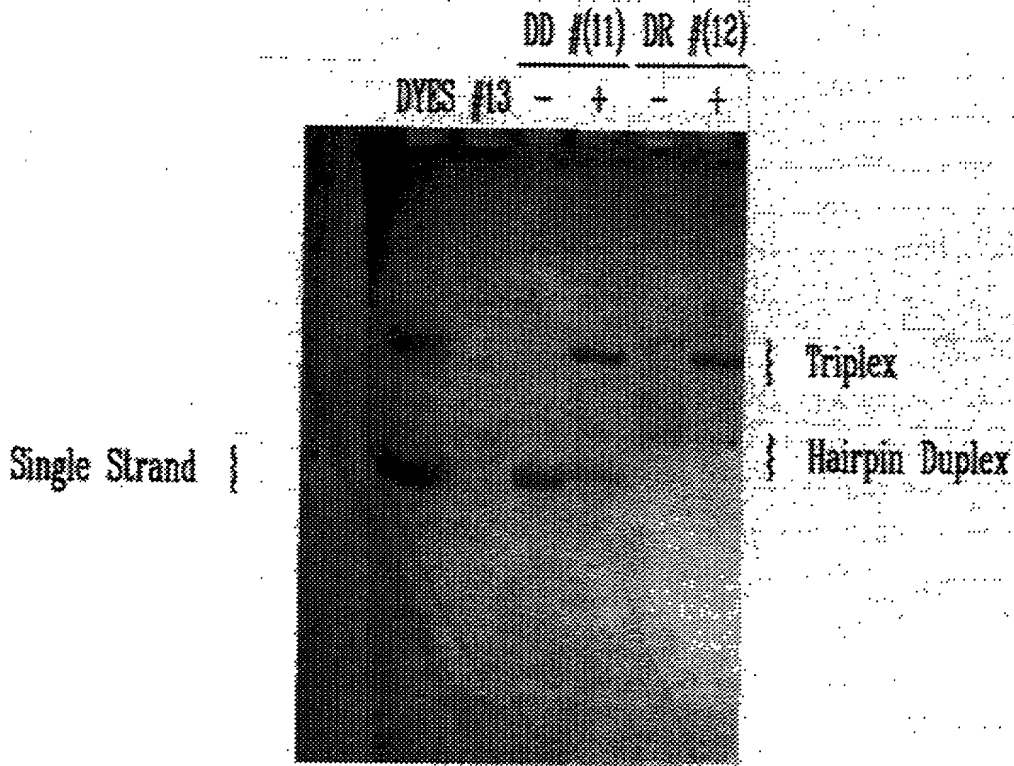


Fig. 4

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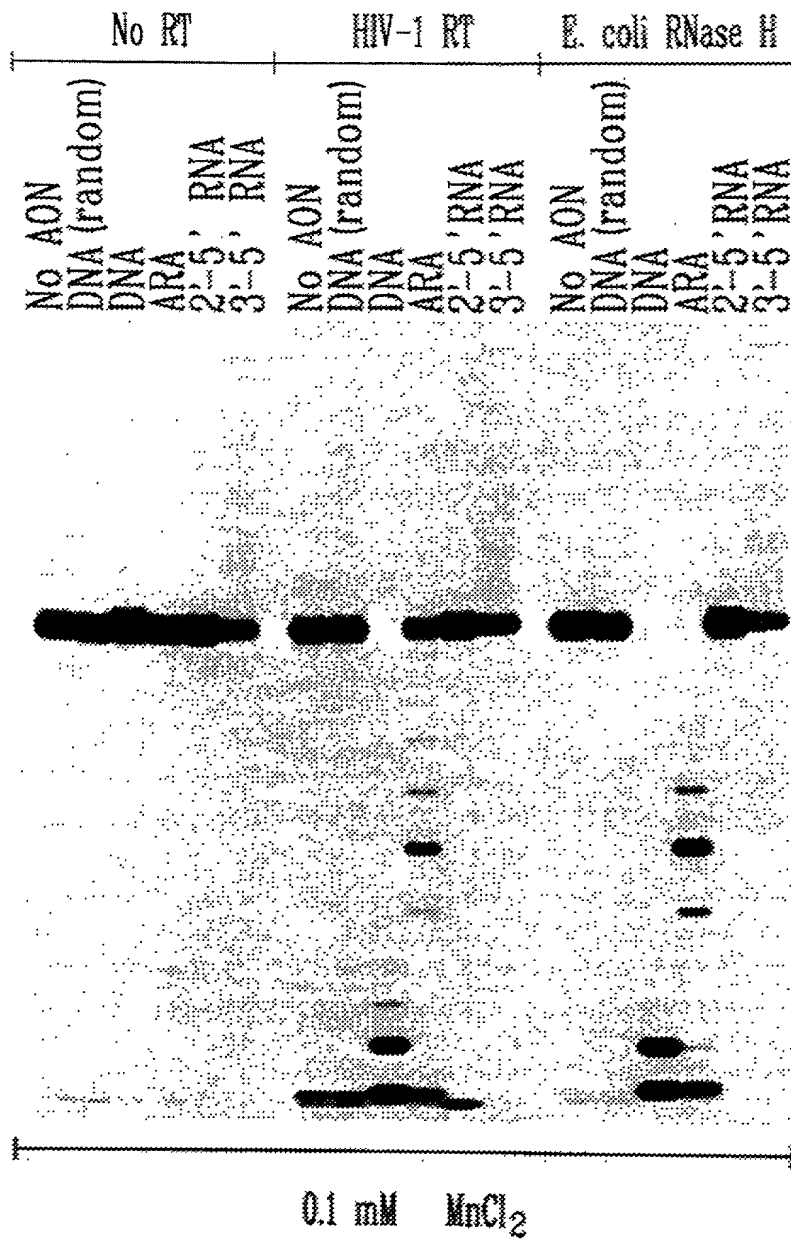


FIG. 5

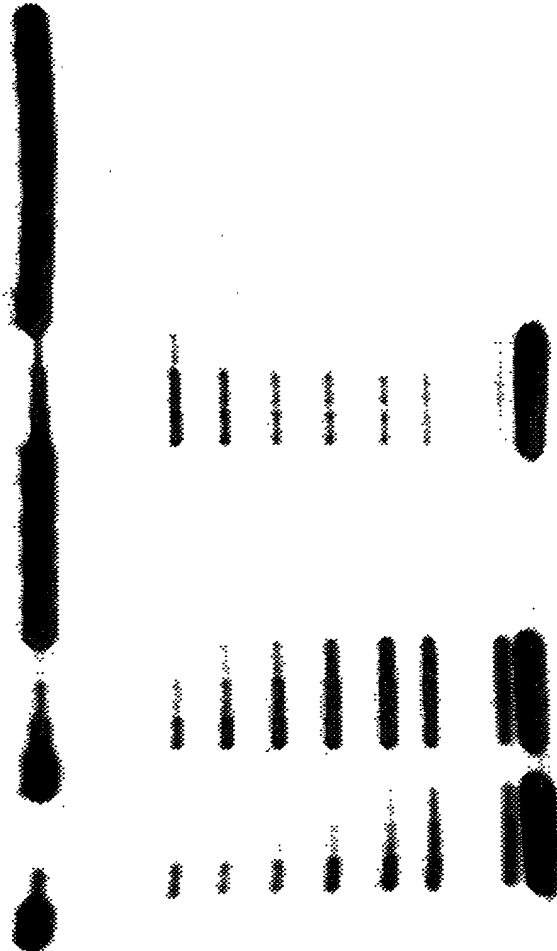


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FOIA b 7 - D

|                  |                  |                  |                  |                  |                  |
|------------------|------------------|------------------|------------------|------------------|------------------|
| dT <sub>18</sub> | dT <sub>18</sub> | aU <sub>18</sub> | aT <sub>18</sub> | rT <sub>18</sub> | rU <sub>18</sub> |
|                  | thioate          | #(3)             | #(7)             |                  |                  |

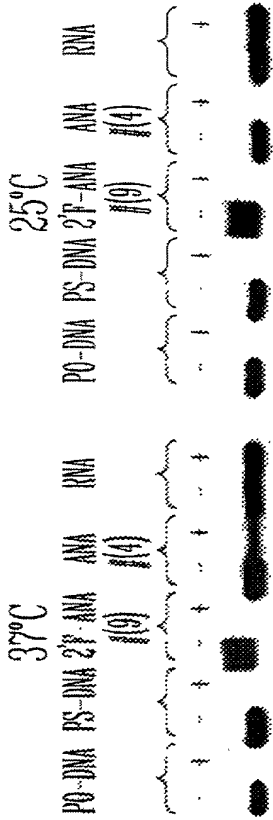
0' 5' 10' 20' 0' 5' 10' 20' 0' 5' 10' 20' 0' 5' 10' 20'



FOIA b 7 - D

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FOEFFHO" 0285F260



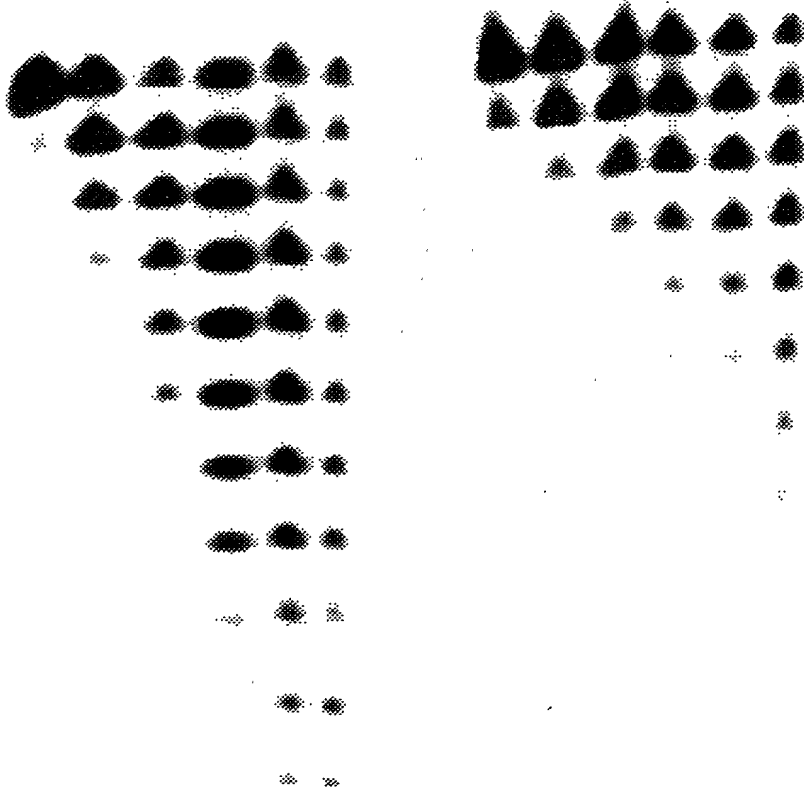
FEF - 7

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dT<sub>18</sub>

aFT<sub>18</sub> #(7)



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FIG. 10

| d <sub>18</sub> thioate | d <sub>18</sub>    | a <sub>18</sub> # (3) | a <sub>18</sub> # (7) | r <sub>18</sub>    |
|-------------------------|--------------------|-----------------------|-----------------------|--------------------|
| 0' 10' 20' 30' 60'      | 0' 10' 20' 30' 60' | 0' 10' 20' 30' 60'    | 0' 10' 20' 30' 60'    | 0' 10' 20' 30' 60' |

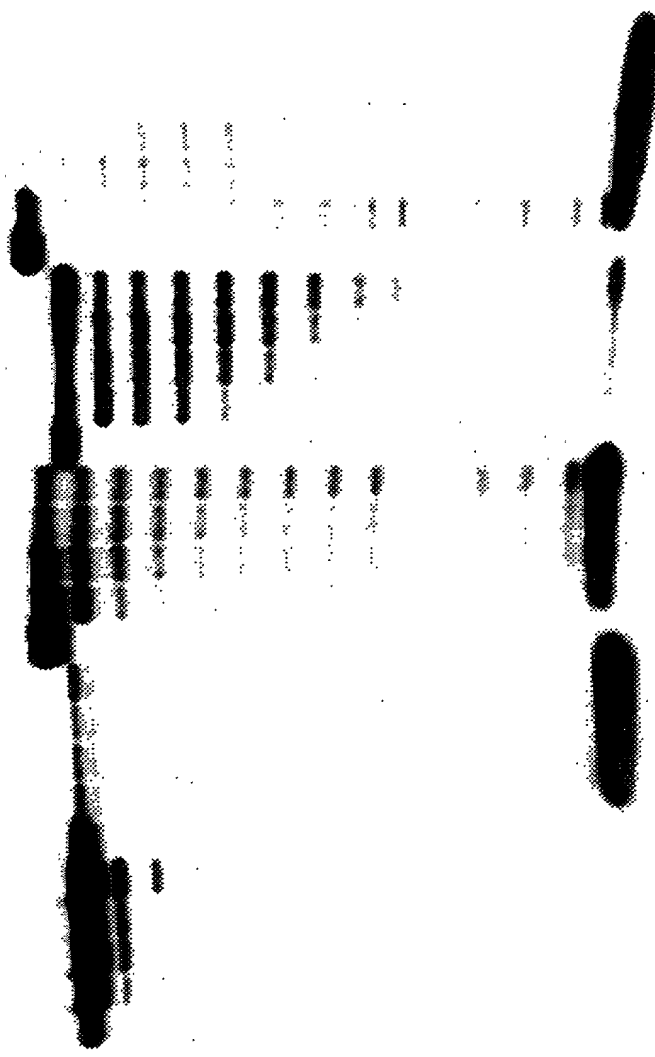
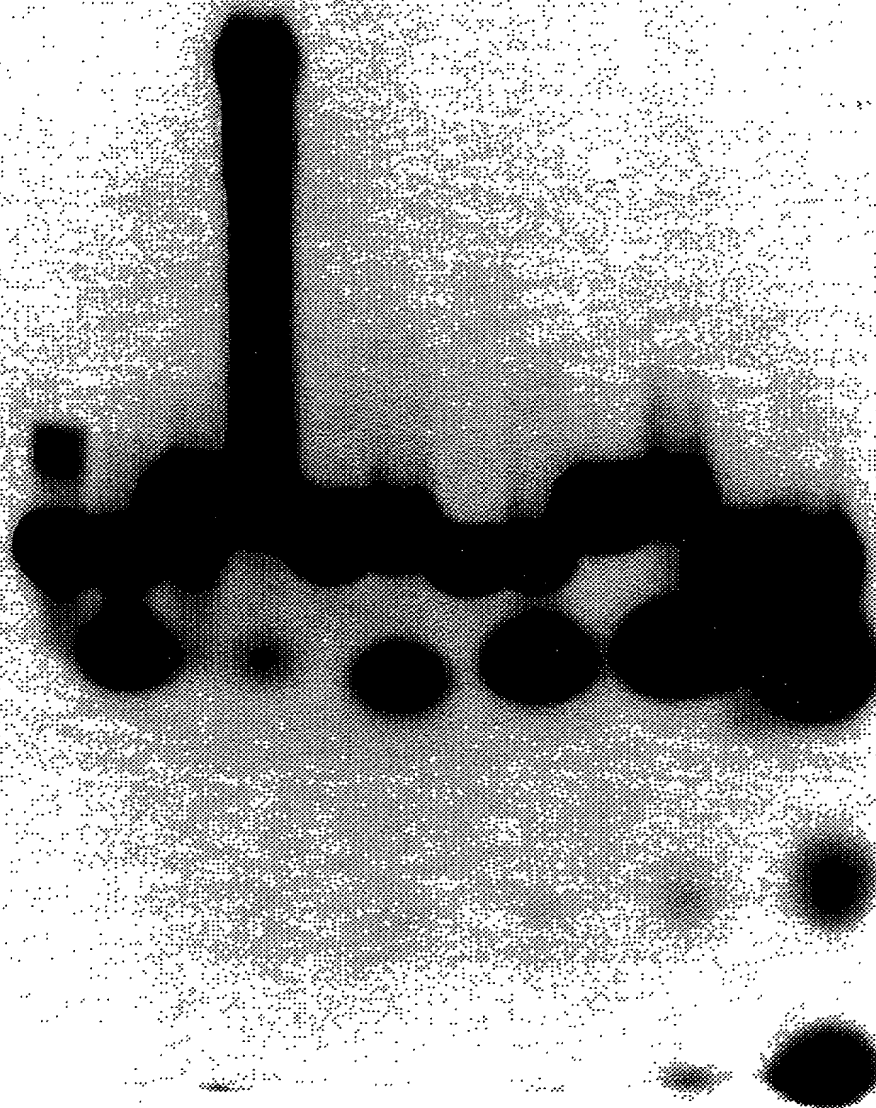


FIG. 11

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|                  |                  |                  |                  |                  |                  |
|------------------|------------------|------------------|------------------|------------------|------------------|
| dT <sub>18</sub> | dT <sub>18</sub> | aU <sub>18</sub> | aT <sub>18</sub> | rT <sub>18</sub> | rU <sub>18</sub> |
|                  | thioale          | #(3)             | #(7)             |                  |                  |
| -                | +                | -                | +                | -                | +                |

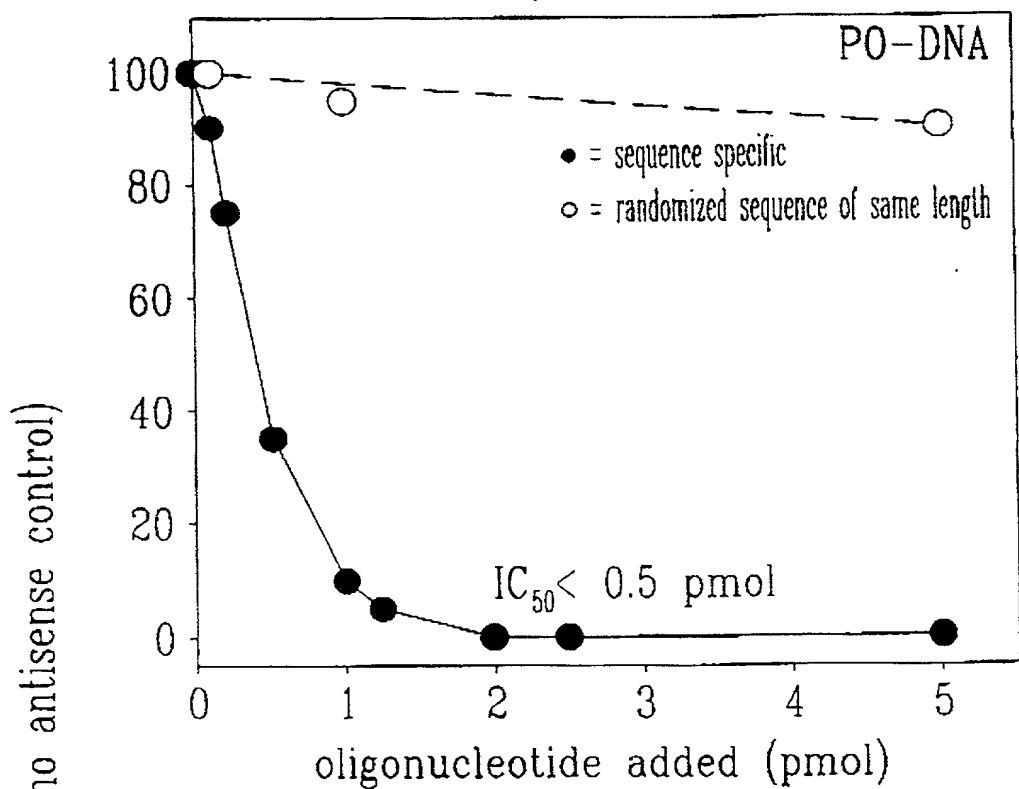
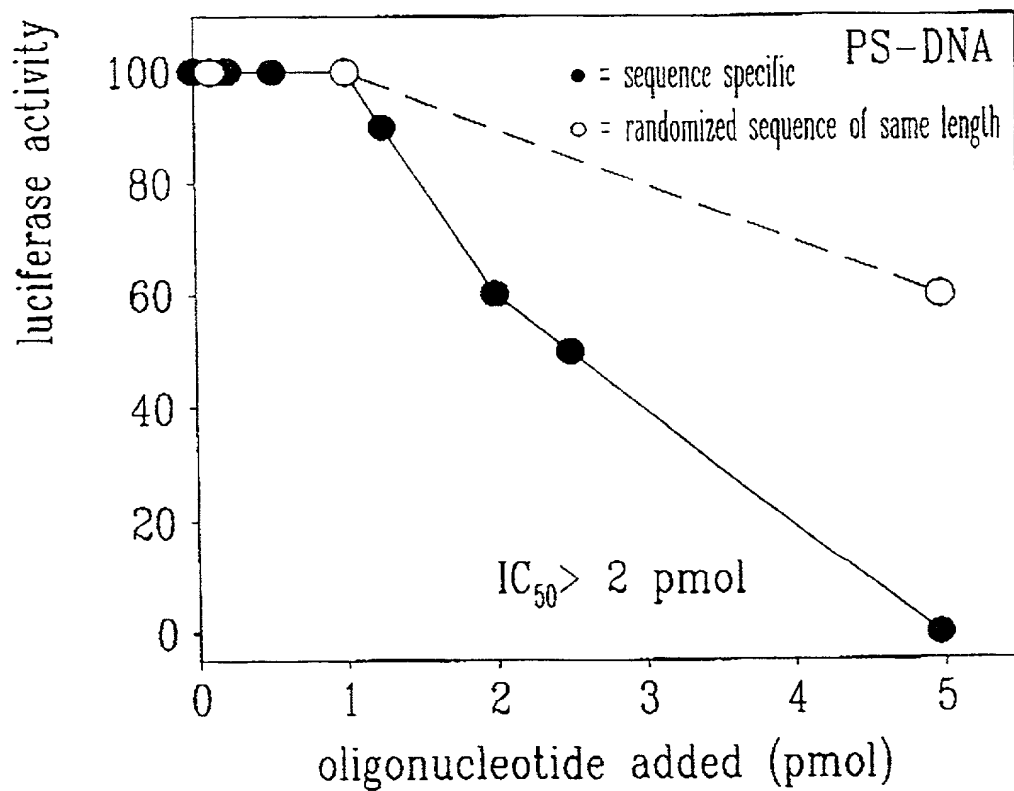


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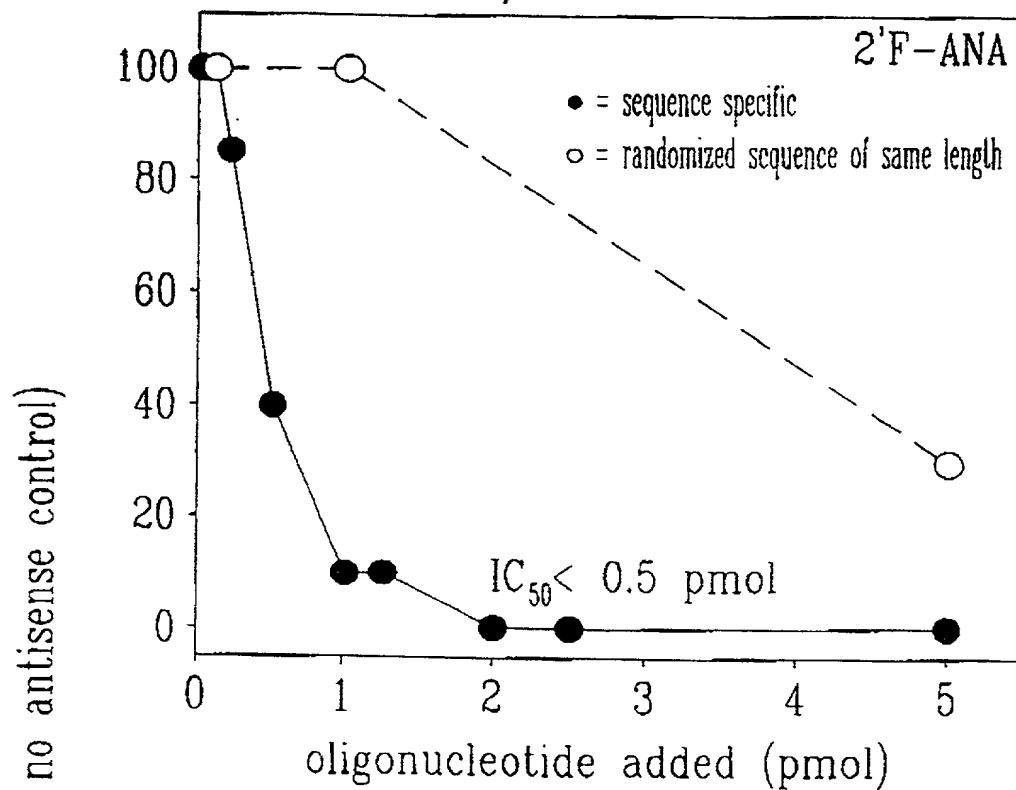
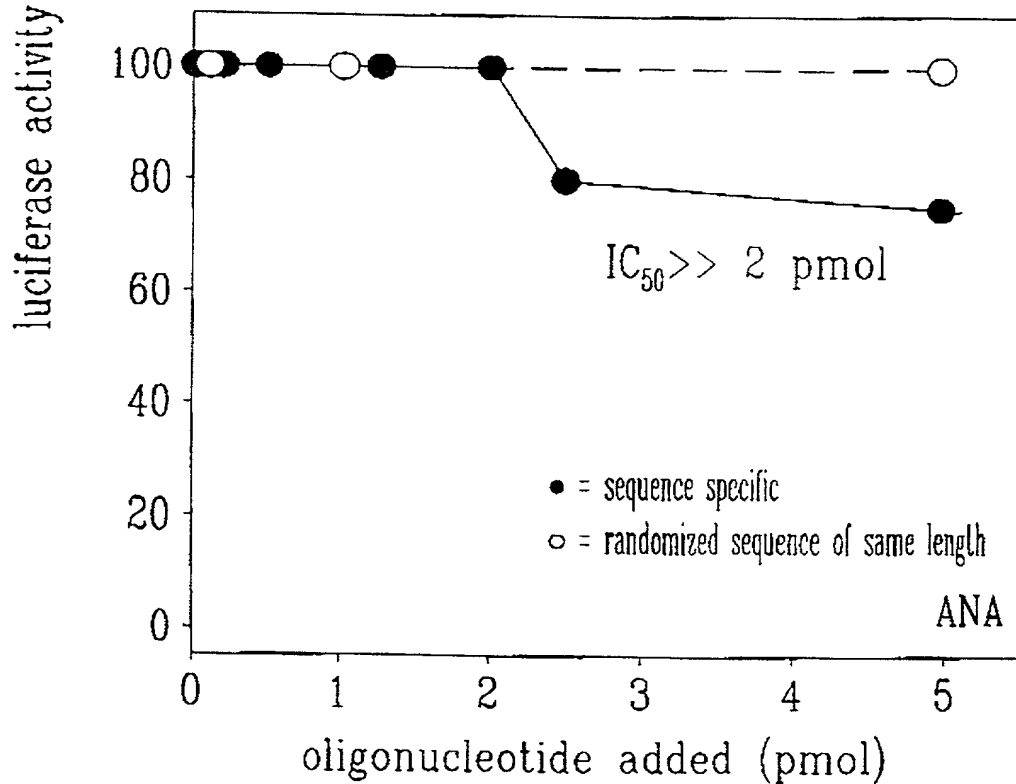
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Figure 11AFigure 11B

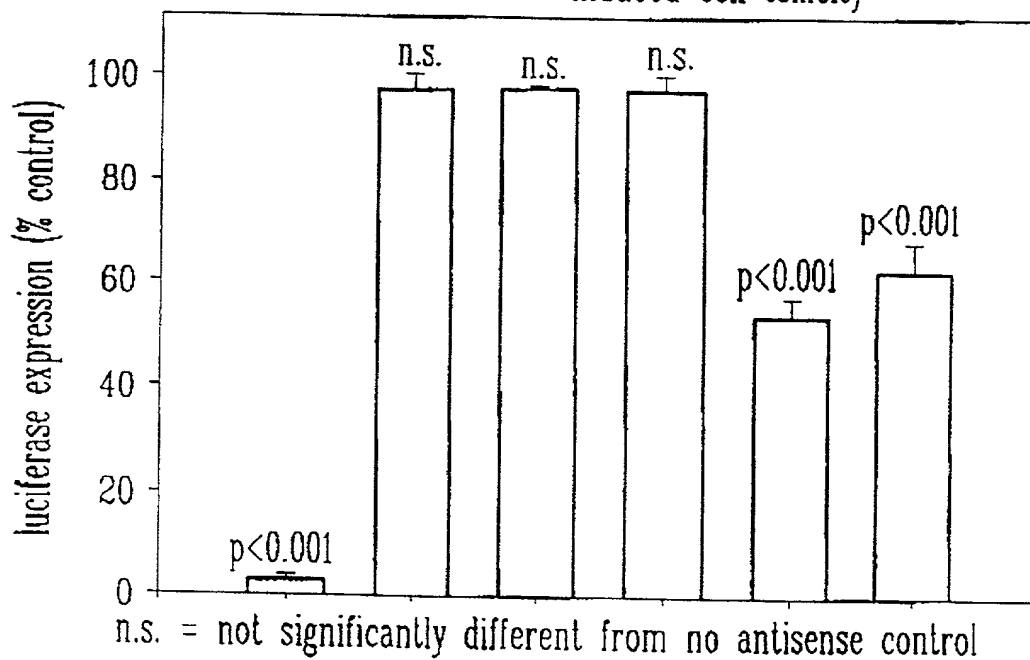
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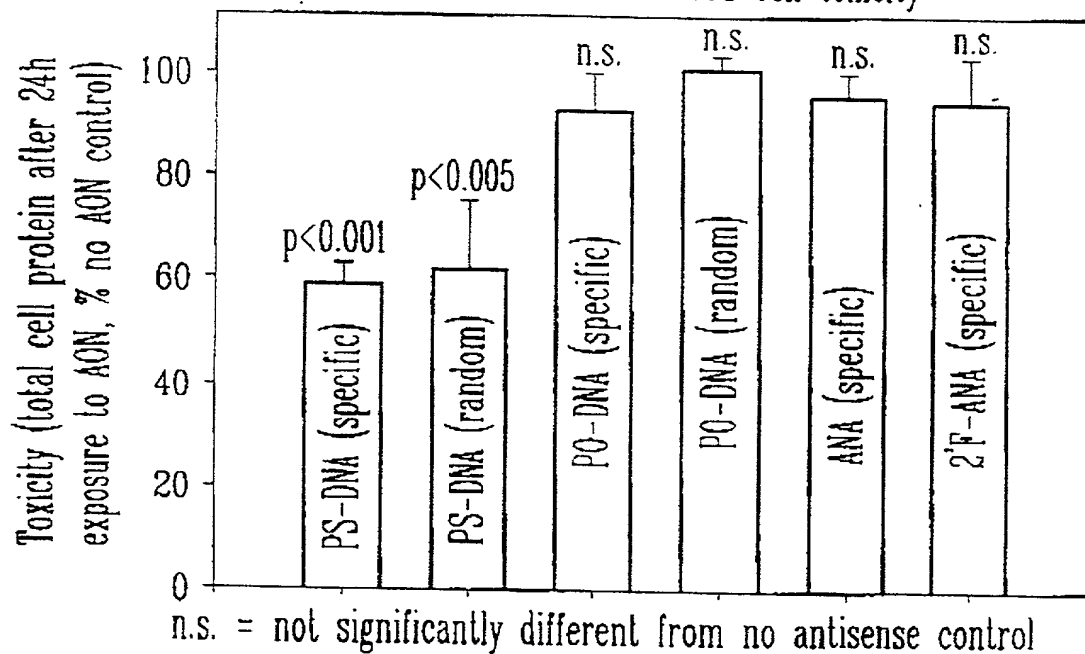
FIG. 11CFIG. 11D

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AON effect on luciferase expression in Hela X1/5  
cells and AON-induced cell toxicity

FIG. 12A

AON effect on luciferase expression in Hela X1/5  
cells and AON-induced cell toxicity

FIG. 12B